



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090427

Mode: Highway

Status: Submitted

NC-7

From/Cross Street: I-85

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 29/74

Project Category: Regional Impact

Length: 0.33

TIP#: U-3608

Fully Funded in Draft STIP? No

Cost to NCDOT: \$4,732,000

Description:

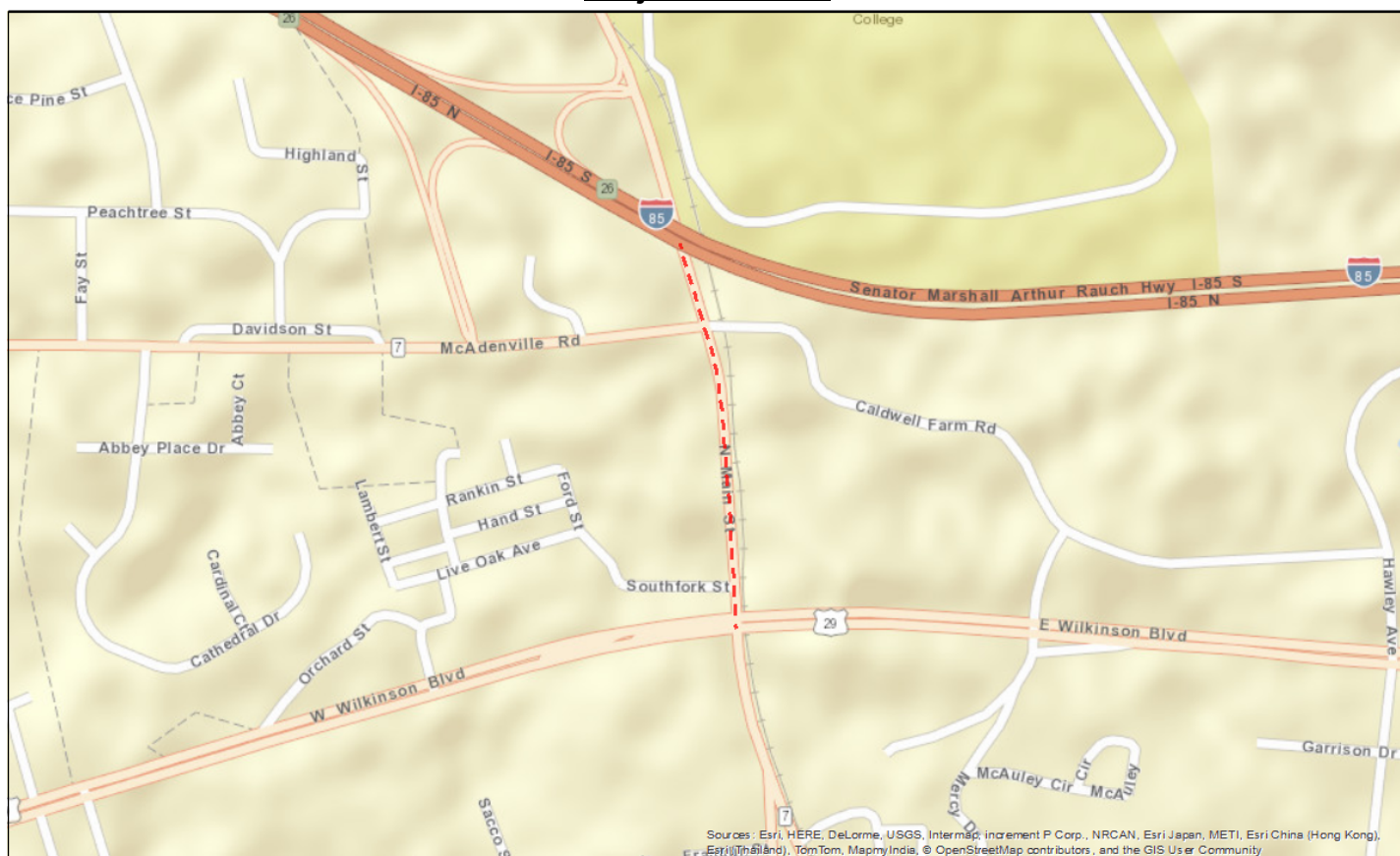
Widen to Multi-Lanes

Division(s): Division 12

County(s): GASTON

MPOS(s)/RPO(s): Gaston-Cleveland-Lincoln MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 25.33

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 64.62	Percent: 15%	Percent: 15%
Safety (10%) 56.00	Points: 0	Points: 0
[Travel Time] Benefit/Cost (25%) 5.02		
Accessibility / Connectivity (10%) 23.18		
Totals: Weight: 70% Weighted Score: 25.33		

Division Needs Total Score: 44.53

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 64.62	Percent: 25%	Percent: 25%
Safety (10%) 56.00	Points: 100	Points: 0
[Travel Time] Benefit/Cost (20%) 5.02		
Totals: Weight: 50% Weighted Score: 19.53		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	0.33
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	16773.81
Capacity:	17380
Volume/Capacity Ratio:	0.97
% Autos:	97%
% Trucks:	3%
Truck Volume:	522.96
Crash Density:	51.1
Crash Severity:	66.7
Critical Crash Rate:	50.2
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	26
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	75
Actual Congested Speed:	24.73
Travel Time Index:	1.42

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	40
Length (miles):	0.33
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1065255.52
Travel Time Savings for 30 Years (Autos):	1032044.05
Travel Time Savings for 30 Years (Trucks):	33211.47
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 12

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 12	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Gaston-Cleveland-Lincoln MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$4,218,000	TIP Unit
Right-of-Way Cost:	\$459,000	TIP Unit
Utilities Cost:	\$55,000	TIP Unit
Total Project Cost:	\$4,732,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$4,732,000	